

Telco All-In-One Cabinet, 144F, SC/APC, PNP Splitters, Dry Armored Loose Tube, 100 ft, 1x 144F Distribution Cable, w/ PSU

Inside the Telco AIO Cabinet

The key to the Telco AIO is an innovative design that packs an amazing amount of functionality and capabilities into a surprisingly small footprint. Its approximate 48-inch height meets most local requirements while the compact footprint (~48”h x 48”w x 28”d) enables right-of-way deployments per municipal standards.

Fully loaded, the cabinet design can support up to 8,192 customers (XGS-PON). So, you can support more customers with fewer cabinets and deploy them where others can’t. Engineered with Gore vents, mesh drainage, and preinstalled foam grommets, it provides superior protection from the elements with available pad, vault, and riser mounting options. Telco AIO cabinets are designed to comply with GR-487-CORE and GR-3125 specifications.

Active compartment features:

- Telco style rack/OLT mounting solutions
- 19” or 23” racking with 11 or 13RU of customizable open space (blanking panels included)
- Available with or without a rectifier/DC power supply
- Customer OLT configurations could potentially support 128 PON Port/SGs
- Preinstalled with 68 SC/UPC to SC/APC patchcords for split/passthrough use on the provided F2 distribution cable
- Includes 1x 15-amp GFCI Outlet & Interior LED Lighting (20-60V DC)
- Alarms for SPD, HVAC, High Temp, Heater and Intrusion “Normally Open”
- 2000W DC HVAC, 1RU Heater Tray, and Wall Mounted Battery Heater operating at <60dB
- DC battery backup via 7RU tray/cabling to support 1x string of 4x 48V DC VRLA batteries (customer provided)
- 30-amp 125/250 V GENERAC generator power inlet box supporting manual transfer switch use

Passive compartment features:

- Preinstalled SC/UPC to SC/APC patch cords for splitter or passthrough connectivity
- 22 standard PNP splitter/WDM slots with single/dual/2xN splitter options
- Integrated slack storage with positive bend radius control
- Distribution field terminates 144f or 288f SC/APC fiber on CommScope’s vetted Gen3E swing frame
- Fibers managed via vertical distribution and waterfalled optical device pigtails
- Parking lots hold and protect fiber splitter and passthrough outputs until needed
- Grounding stud installed for use with armored cable tone wire
- F2 cable assembly uses a 144 or 288-fiber loose tube cable (dielectric or armored) stub

Product Classification

Regional Availability	North America
Product Type	Fiber distribution hub
Product Series	All-In-One
Warranty	Two years

General Specifications

Access	Front Rear Side
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Accoustic Level, maximum	60 dB
Alarm Type	Door alarm HVAC alarms (including high temperature, failure) Heater tray failure alarm SPD alarm
Auxiliary Power Input	Yes
Battery Storage	7RU
Cable Type	Armored - Single Loose Tube
Color	Light Gray (RAL 7035)
Distribution Cables, quantity	1
Distribution Ports, quantity	144
Fibers per Distribution Cable, quantity	144
Fibers per Feeder Cable, quantity	0
Interior LED light	Both chambers
Interface, Input	SC
Interface Feature, Input	APC
Lock Type	Locking bolt Padlock ready
Mounting	Handhole Pad
Mounting Options	Rack Mounted
Rack Storage	13RU (adjustable to allow 19 or 23 in racking)
Split Ratio	Symmetrical
Splitter Slots, quantity	22
Heat Management	2,000 W HVAC

Dimensions

Height	1216 mm 47.874 in
Width	1224 mm 48.189 in
Depth	697 mm 27.441 in
Cable Length	30.48 m 100 ft
Enclosure Size	Large

Electrical Specifications

Power Supply	Eltak Rectifier Shelf and Controller
Power Supply Interface	Breaker Box (standard) Generator Input (optional) Meter Box (optional)

Material Specifications

760258329

Finish	Powder coated
Material Type	Aluminum

Environmental Specifications

Environmental Space	Above ground
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Packaging and Weights

Packaging quantity	1
Packaging Type	Pallet
Weight, net	249.929 kg 551 lb

* Footnotes

Warranty	For more information, please consult our Product Warranty guidelines
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